

Figure 1

MPGIVVFRRRWSVGSDDLVLPAIFLFLHHTTWVILSVVLFGLVYNPHEACSLNLVDHGRGYLGILLSCMIAEMA
IIWLSMRGGILYTEPRDSSMQYVLYVRLAAILVIEFIYAIVGIVWLTQYYTSCNDLTAKNVTGLGMVVCNWVILSVC
ITVLCVFDPTGRTFVKLRATKRRQRNLRTYNLRHRLEEGQATSWSRRLKVFLCCTRTKDSQSDAYSEIAYLFAEF
FRDLDIVPSDIIAGLVLLRQRQRAKRNAVLDEANNDILAFLSGMPVTRNTKYLDLKNSQEMLRYKEVCYYMLFAL
AAYGWPMYLMRKPACGLCQLARSCSCCLCPARPRFAPGVTI EEDNCCGCNAIAIRRHFLDENMTAVDIVYTSCHD
AVYETPFYVAVDHDKKKVVISIRGTLSPKDALTDLTGDAERLPVEGHHGTWLGHKGMVLSAEYIKKKLEQEMVLS
QAFGRDLGRGTKHYGLIVVGHSLGAGTAAILSFLLRPQYPTLKCFAYSPPGGLLSEDA MEYSKEFVTAVVLGKDL
VPRIGLSQLEGFRRQLLDVLQRSTKPKWRIIVGATKCIPKSELPEEVEVTTLASTRLWTHPSDLTIALSASTPLY
PPGRIIHVVHNHPAEQCCCCQE EPTYFAIWGDNKAFNEVIISPAMLHEHLPYVVM EGLNKVLENYNKGKTALLS
AAKVMVSPTEVDLTPELIFQQQPLPTGPPMPTGLALELPTADHRNSSVRSKSQSEMSLEGFSEGRLLSPVAAAA
RQDPVELLLLSTQERLAAELQARRAPLATMESLSDTESLYSFD SRRSSGFRSIRGSPSLHAVLERDEGHLFYIDP
AIP EENPSLSRTELLAADSLSKHSQDTQPLEAALGSGGVTPERPPSAAANDEEEVGGGGGGPASRGELALHNG
RLGDSPPSPQVLEFAEFIDSLFNLD SKSSSFQDLYCMVVPESPTS DY AEGPKSPSQQEILLRAQFEPNLV PKPRL
FAGSADPSSGISLSPSFPLSSSGELMDLTPTGLSSQECLAADKIRTSTPTGHGASPAKQDELVISAR

Figure 2

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1  ggcccttgggg agcccaggat ggaggtggcg gtcgcgggcg cgggcccagagc cctgcggcgcg
61  gcgggaggag gtagcacca ggcccactga gcctctgcag agccaccagc catgcccggg
121 atcgtggtgt tccggcgggc ctggtctgtg ggcatgatg acctcgctct accagccatc
181 ttctcttttc tctgcatac cacctggttt gtgatcctgt ccgtgggtgt ctctggcctg
241 gtctataacc cgcacgaggc ctgctccctg aacctgggtg accacggccg cggctacctg
301 ggcatcctgc tgagctgcat gatcgctgag atggccatca tctggctgag catgcgcggg
361 ggcatcctct acacggagcc ccgtgactcc atgcagtacg tgctctacgt gcgcctggcc
421 atcctggtga tcgagttcat ctacgccatc gtgggcatcg tctggctcac tcagtactac
481 acctcctgca acgacctcac tgccaagaat gtcaccctcg gaatggttgt ctgcaactgg
541 gtagtcatcc tcagtgtgtg catcactgtc ctctgcgtct tcgacccac gggccgcacc
601 tttgtcaagc tgagagccac caagaggagg cagcgtaacc tgcggacctc caacctgcgg
661 caccgcttag aggaggggtca agccaccagc tggctgcgcc ggctcaaagt gttcctctgc
721 tgcacgcgga cgaaggactc ccagtcagat gcctactcag aaatcgctta cctctttgcg
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901 gccttcctgt ctgggatgcc ggtgaccaga aacaccaagt acctcgacct caagaattca
961 caagagatgc tccgctacaa agaggtctgc tactacatgc tctttgccct ggctgcctac
1021 ggggtggcca tgtacctgat gcggaagccc gcctgcggcc tctgccaact ggctcggctc
1081 tgctcgtgtt gcctgtgtcc tgcgaggccg cggttcgccc ctggagtcac catcgaggaa
1141 gacaactgct gtggctgtaa tgccattgcc atccggcgcc acttcctgga cgagaacatg
1201 actgcggtgg acatcgtcta tacctcctgc catgatgcgg tctatgaaac gcccttctac
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1381 ggcacctggc tgggcccacaa gggatgggtc ctctcagctg agtacatcaa gaagaaactg
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1501 tacggcctga ttgtgggtgg cactcctctg ggcgcgggca ctgctgccat cctctccttc
1561 cttctgcgcc cacagtatcc gacctcaag tgctttgctt actccccgcc agggggcctg
1621 ctgagtgagg atgcaatgga gtattccaag gagttcgtga ctgctgtggt tctgggcaaa
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1741 gtcctgcagc gaagcaccaa gcccaaattg cggatcatcg tgggggccac caaatgcatc
1801 cccaagtccg agctgcctga ggaggtagag gtgaccaccc tggccagcac gcggctctgg
1861 acccacccca gcgacctaac tatagccctc tcagccagca ctccactcta cccgccggc
1921 cgcacatcc acgtggtcca caaccacct gcagagcagt gctgctgctg tgagcaggag
1981 gagcccacat actttgccat ctggggcgac aacaaggcct tcaatgaggt gatcatctcg
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2101 gagaactaca acaaggggaa gaccgctctg ctctctgcag ccaaggtcat ggtgagccct
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2221 cccatgcccc ctggccttgc cctggagctg ccgactgcag accaccgcaa cagcagcgtc
2281 aggagcaagt cccagtctga gatgagcctg gagggcttct cggagggcg gctgctgtcg
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2581 gacctgcca tccccagga aaacctatcc ctgagctcgc gactgagct gctggcgggc
2641 gacagcctgt ccaagcactc acaggacagc cagcccctgg aggcggccct gggcagtggc
2701 ggcgtcactc ctgagcggcc cccagtgtc gcggccaatg acgaggagga agaggttggc
2761 ggtgggggtg gcgggcccgc ctcccgggg gagctggcgc tgcacaatgg gcgcctgggg
2821 gactcgccca gtcctcaggt gctggaattc gccgagttca tcgacagcct cttcaacctg
2881 gacagcaaga gcagtcctt ccaagacctc tactgcatgg tgggtgccga gagccccacc

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Figure 2 (continued)

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2941 agtgactacg ctgagggccc caagtccccc agccagcaag agatcctgct ccgtgcccag
3001 ttcgagccca acctgggtgcc caagccccca cggctctttg ccggctcagc cgacccctcc
3061 tcgggcatct cactctcgcc ctccctcccg ctacagctcct cgggtgagct catggacctg
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3241 caccaccagt gcgtggccag ccgggcccag gcaggagcag gtggccctgt gggcacctgg
3301 tgcctgcccc ctgccgggca gctttaagga cagaccccca ggggcagttt agcctcaggc
3361 acaggcatcg ctgctgagct gggggctccg atccctacct cagcttagga ccccagagc
3421 caaggtggct gggatctggc ccacagatg gggaaagatg gggaagggtg tggagtgggg
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3541 ttctggcacc ccctgctcca ggacaggcca tgggcaagct gcctcccatc actgctgct
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3661 tgtggctccag gccggcatcg tcctggccac ccccagatc tgggtgcctgc tggccggccc
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3961 gcaccaggc ctgccctgcc tgctggctac ttctggctt accttctacc cccaaggatc
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4081 tgggtggaag gaaggcactg agagccccct tcctctgagg gccccacctc accttgggt
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4381 tagcctgagg tccccatagg gcttccctcc ctgctgggtt tgggaagcag ttagggagat
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5401 caccatac cacactgggg ggtctgagcc accccctca gcccgttcg gctcagaccg
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5641 attgctgtaa aaaggagaga caaattaata tagcttattc tataaat

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Figure 3

